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WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**COLORADO STATE UNIVERSITY EXPERIMENT STATION
STATE ENGINEER of COLORADO
and STATE ENGINEER of NEW MEXICO**

AS OF
MAR. 1, 1978

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SOME OF THE DATA IN THIS REPORT HAVE BEEN RECEIVED THROUGH THE SOIL CONSERVATION SERVICE'S NEW SNOTEL SYSTEM WHICH TRANSMITS INFORMATION VIA THE SPACE AGED METEOR BURST METHOD FROM DATA SITES TO MASTER STATIONS LIKE THESE.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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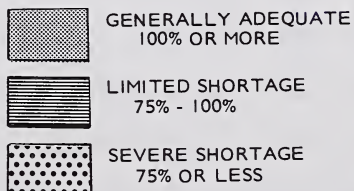
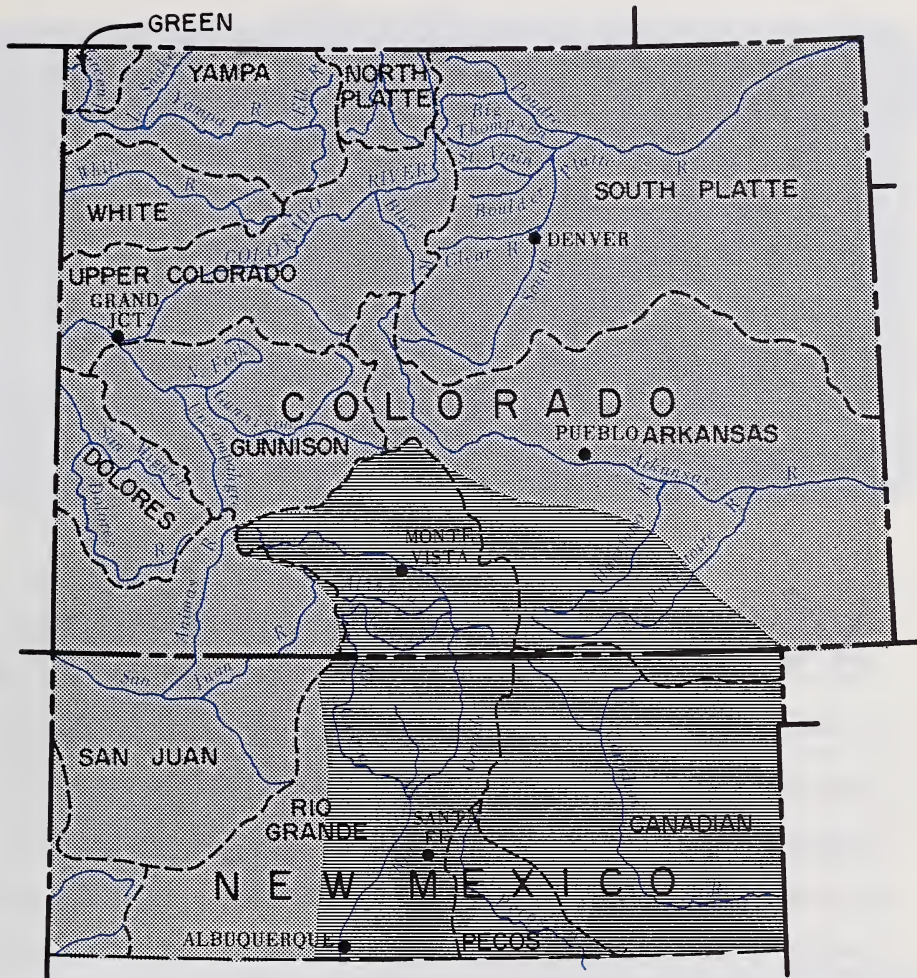
TABLE OF CONTENTS

WATER SUPPLY OUTLOOK BY MAJOR WATERSHED AREAS

WATERSHED I	- SOUTH PLATTE RIVER WATERSHED
	Describes water supply conditions in Fort Collins, Big Thompson, Longmont, Boulder Valley, Jefferson, Teller-Park, Douglas County, Morgan, Kiowa, West Arapahoe, West Adams, East Adams, Platte Valley, Southeast Weld, and West Greeley Soil Conservation Districts.
WATERSHED II	- ARKANSAS RIVER WATERSHED
	Describes water supply conditions in Lake County, Upper Arkansas, Fremont, Custer County Divide, Fountain Valley, Black Squirrel, Horse-Rush Creek, Central Colorado, Turkey Creek, Pueblo, Bessemer, Olney Boone, Cheyenne, Upper Huerfano, Stonewall, Spanish Peaks, Purgatoire, Branson Trinchera, Western Baca, Southeastern Baca, Two Buttes, Bent, Timpas, Northeast Prowers, Prowers, Kiowa County, West Otero, East Otero, and Big Sandy Soil Conservation Districts.
WATERSHED III	- RIO GRANDE WATERSHED (COLORADO)
	Describes water supply conditions in Rio Grande, Center, Conejos, Mosca Hooper, Mt. Blanca, Sanchez, and Culebra Soil Conservation Districts.
WATERSHED IV	- RIO GRANDE WATERSHED (NEW MEXICO)
	Describes water supply conditions in Upper Chama, East Rio Arriba, Taos, Lindrieth, Jemez, Santa Fe - Pojoaque, Sandoval, Tijeras, Cuba, and Edgewood Soil Conservation Districts.
WATERSHED V	- DOLORES, SAN JUAN, AND ANIMAS RIVERS WATERSHED
	Describes water supply conditions in San Miguel Basin. Dove Creek, Dolores, Mancos, LaPlata, Pine River, San Juan, San Miguel Basin, and Glade Park Soil Conservation Districts.
WATERSHED VI	- GUNNISON RIVER WATERSHED
	Describes water supply conditions in Delta, Gunnison, Cimarron, Shavano, and Uncompahgre Soil Conservation Districts.
WATERSHED VII	- COLORADO RIVER WATERSHED
	Describes water supply conditions in DeBeque, Plateau Valley, Lower Grand Valley, Bookcliff, Eagle County, Middle Park, Glade Park, Upper Grand Valley, South Side, and Mt. Sopris Soil Conservation Districts.
WATERSHED VIII	- YAMPA, WHITE AND NORTH PLATTE RIVERS WATERSHED
	Describes water supply conditions in Yampa, Moffat, West Routt, East Routt, North Park, White River, and Douglas Creek Soil Conservation Districts.
WATERSHED IX	- LOWER SOUTH PLATTE RIVER WATERSHED
	Describes water supply conditions in Sedgwick, South Platte, Haxton, Peetz, Padroni, Morgan, Rock Creek, and Yuma Soil Conservation Districts.
APPENDIX I	- SNOW SURVEY MEASUREMENTS

WATER SUPPLY OUTLOOK

as of
MARCH 1, 1978



The map on this page indicates the most probable water supply as of the date of this report. Estimates assume average conditions of snow fall, precipitation and other factors from this date to the end of the forecast period. As the season progresses accuracy of estimates improve. In addition to expected streamflow, reservoir storage, soil moisture in irrigated areas, and other factors are considered in estimating water supply. Estimates apply to irrigated areas along the main streams and may not indicate conditions on small tributaries.

WATER SUPPLY CONDITIONS

as of

MARCH 1, 1978

SNOWFALL DURING FEBRUARY FOLLOWED A SIMILAR PATTERN AS JANUARY. SNOWFALL IS GOOD IN NORTHERN COLORADO AND DIMINISHES TO THE SOUTH. BOTH SOUTHERN COLORADO AND NORTHERN NEW MEXICO NEED ADDITIONAL SNOW TO BE ASSURED OF GOOD WATER SUPPLIES THIS SUMMER. CARRYOVER RESERVOIR STORAGE IS BELOW AVERAGE IN BOTH STATES. SOIL MOISTURE CONDITIONS NEED IMPROVEMENT BEFORE SPRING PLANTING.



COLORADO -- SNOWPACK OVER THE STATE REMAINS SIMILAR TO LAST MONTH. THE NORTHERN THIRD OF THE STATE HAS AN EXCELLENT PACK, IN SOME PLACES APPROACHING A MAXIMUM OF RECORD. THE CENTER PORTION OF THE STATE HAS NEAR NORMAL TO SLIGHTLY ABOVE WHILE THE LOWER THIRD HAS BELOW AVERAGE SNOW. THE ONLY EXCEPTION IS THE SOUTHWEST CORNER. ANIMAS AND DOLORES BASINS HAVE SNOW ABOUT 125% OF THE 15-YEAR AVERAGE. RESERVOIR STORAGE IS LOW STATE-WIDE REFLECTING THE DRAWDOWN FROM LAST YEAR'S DROUGHT. SOIL MOISTURE IS ONLY FAIR STATEWIDE.



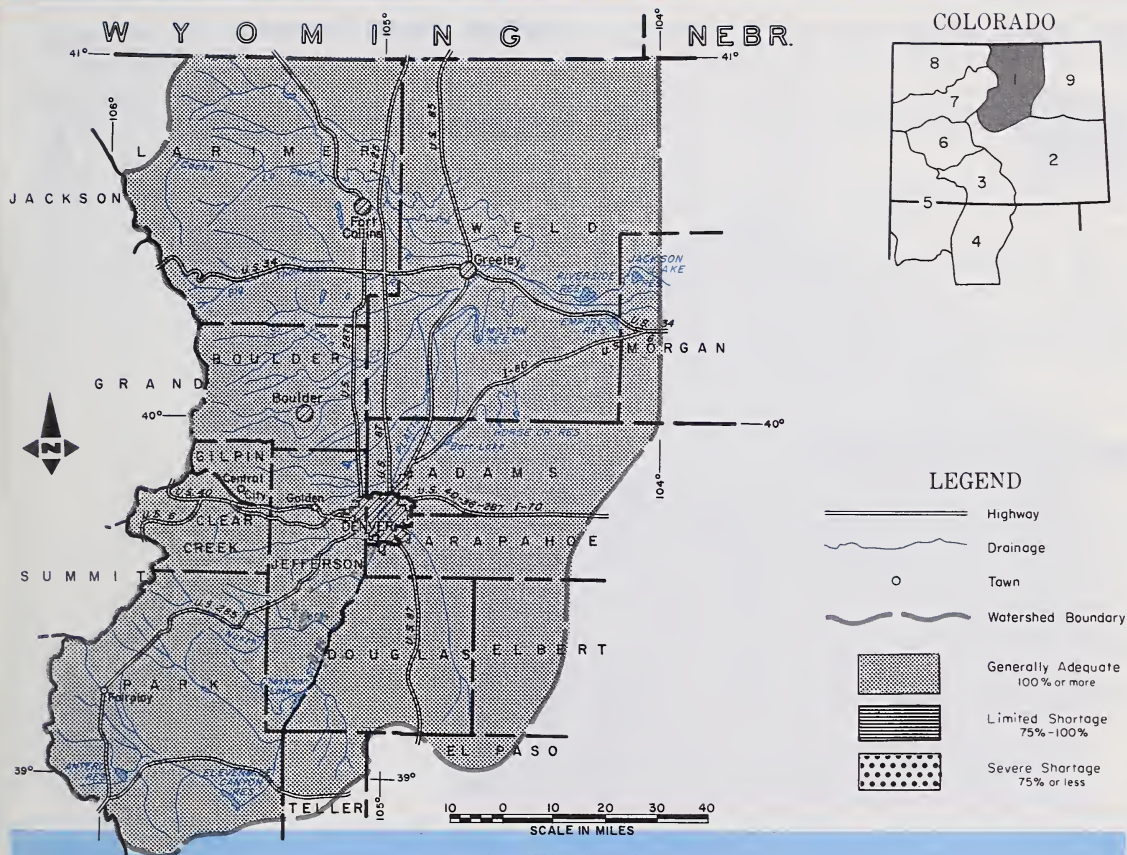
NEW MEXICO -- SNOWS DURING THE LATTER PORTION OF FEBRUARY IMPROVED THE MOUNTAIN SNOWPACK SIGNIFICANTLY FROM LAST MONTH. MOST WATER-SHEDS NOW CONTAIN SNOWPACK NEAR AVERAGE. THIS SITUATION SHOULD PRODUCE SPRING AND SUMMER RUNOFF CLOSE TO NORMAL ON ALL SMALL STREAMS. THE EXCEPTION IS THE RIO GRANDE MAINSTEM WHICH WILL LIKELY FLOW ONLY 85% OF NORMAL DUE TO A DEFICIENT SNOWPACK IN ITS COLORADO HEADWATERS. MANY SMALL STREAMS HAVE BEGUN THEIR SPRING RUNOFF. RESERVOIR STORAGE REMAINS POOR AT ONLY 58% OF NORMAL,

WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE SOUTH PLATTE RIVER WATERSHED IN COLORADO

as of

MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

THE SNOWPACK ON THE SOUTH PLATTE AND ITS NORTHERN TRIBUTARIES IS STILL CONSIDERABLY ABOVE NORMAL, ESPECIALLY AT ELEVATIONS ABOVE 9500 FEET. THE LOWER ELEVATION SNOWPACK IS JUST ABOVE NORMAL. RESERVOIR CARRYOVER STORAGE IS ONLY ABOUT 70% OF AVERAGE. SUMMER STREAMFLOW SHOULD BE ABOVE NORMAL IF THE SNOWPACK CONTINUES TO INCREASE AT PRESENT RATE.

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORECAST	% of Average	Average *
Big Thompson River at Drake (1)	130	121	107
Boulder Creek at Orodell	60	122	49
Cache La Poudre River at Canyon Mouth (2)	310	126	247
Clear Creek at Golden (3)	160	127	127
St. Vrain Creek at Lyons (4)	95	127	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gumlick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Bear Creek	Avg.	Fair
Coal Creek	Avg.	Fair
North Fork of South Platte	Avg.	Fair
North Fork of Cache La Poudre	Avg.	Fair
Ralston Creek	Avg.	Fair
Rock Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Antero	16	15	15	14
Barr Lake	32	16	29	23
Black Hollow	8	3	4	4
Boyd Lake	44	16	34	37
Cache La Poudre	10	6	0	8
Carter Lake	109	72	79	87
Chambers Lake	9	4	2	3
Cheesman	79	27	30	57
Cobb Lake	34	0	5	15
Eleven Mile	98	83	90	87
Fossil Creek	12	7	7	7
Gross	43	23	23	29
Halligan	6	3	2	4
Horsetooth	144	38	79	97
Lake Loveland	14	9	8	9
Lone Tree	9	5	3	7
Mariano	5	5	5	5
Marshall	10	2	4	4
Marston	17	16	16	15
Milton	24	13	16	13
Standley	42	19	28	17
Terry	8	6	6	5
Union	13	9	13	10
Windsor	19	7	9	10

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Big Thompson	5	600	144
Boulder	3	320	124
Cache La Poudre	8	397	130
Clear Creek	5	226	128
Saint Vrain	3	475	136
South Platte	3	270	102

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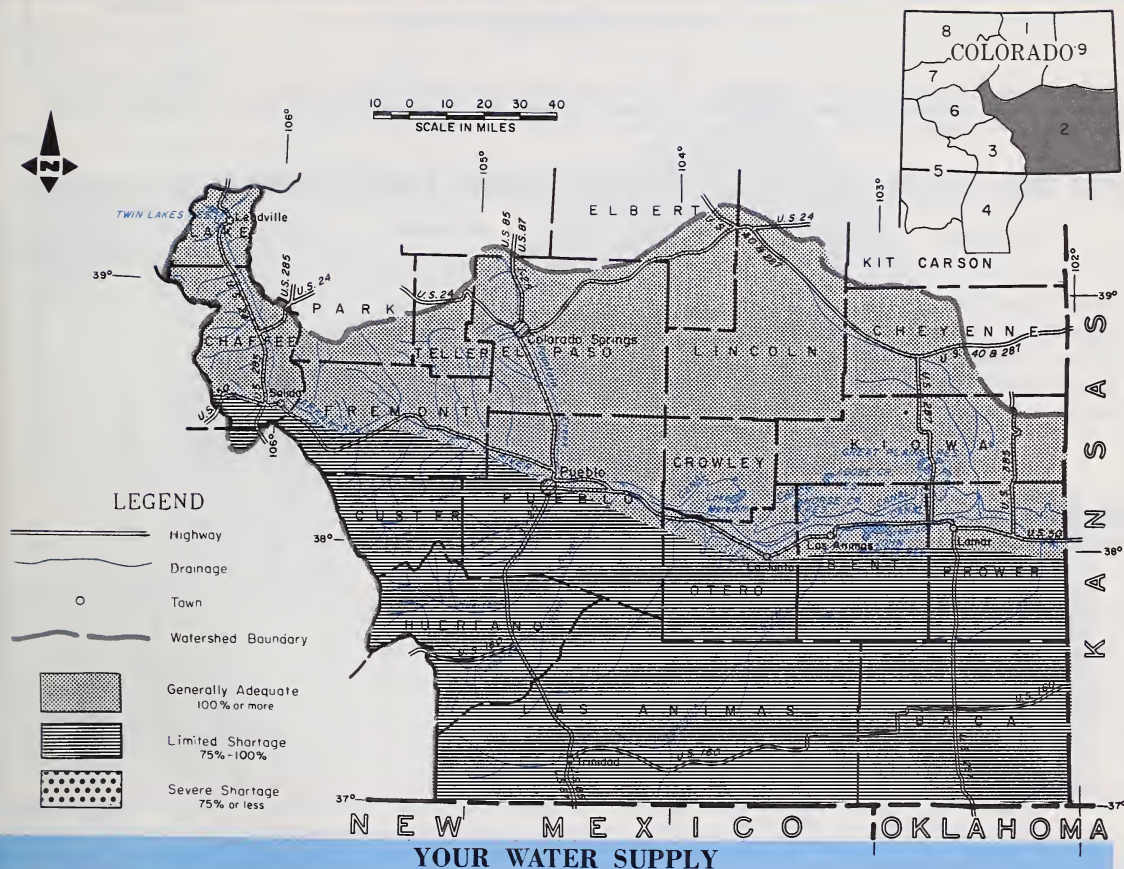


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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE ARKANSAS RIVER WATERSHED IN COLORADO

as of
MARCH 1, 1978

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



THE SNOWPACK ON THE HEADWATERS OF THE ARKANSAS IS NEAR NORMAL AS OF MARCH FIRST. THE SOUTHERN TRIBUTARIES HAVE CONSIDERABLY LESS THAN AVERAGE SNOW. RESERVOIR CARRYOVER STORAGE IS POOR. SOIL MOISTURE IN THE IRRIGATED AREAS IS REPORTED AS POOR TO FAIR. CONSIDERABLY MORE SNOW IS NEEDED IN THIS BASIN TO INSURE ADEQUATE WATER THIS SUMMER.

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Arkansas River near Pueblo (1)	305	105	290
Arkansas River at Salida (2)	338	108	313
Cucharas River near La Veta	7	70	10
Huerfano River near Redwing	11	73	15
Purgatoire River at Trinidad (3)	30	79	38

(1) Plus change in storage in Pueblo Reservoir. (2) Observed flow plus change in Clear Creek, Twin Lakes and Turquoise Reservoirs minus diversions through Busk Ivanhoe, Boustead, Divide, Twin Lakes and Homestake Tunnels and Ewing, Fremont Pass, Wurts and Columbine ditches. (3) Change in storage in Trinidad Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Apishapa River	Fair	Poor
Fountain Creek	Avg.	Fair
Grape Creek	Fair	Poor
Hardscrabble Creek	Fair	Poor
Monument Creek	Fair	Poor

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Adobe	62	0	0	17
Clear Creek	11	4	6	8
Cucharas	40	0	-	3
Great Plains	150	0	0	59
Horse Creek	27	0	11	7
John Martin	621	4	20	90
Meredith	42	0	0	13
Model	15	0	0	4
Turquoise	121	47	31	-
Twin Lakes	58	23	7	26
Pueblo	354	2	62	-

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Arkansas	8	298	128
Cucharas	1	81	71
Purgatoire	1	100	80

* 1958-1972 period.

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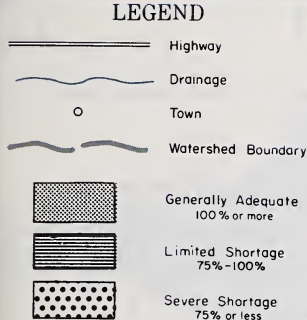
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE UPPER RIO GRANDE WATERSHED IN COLORADO

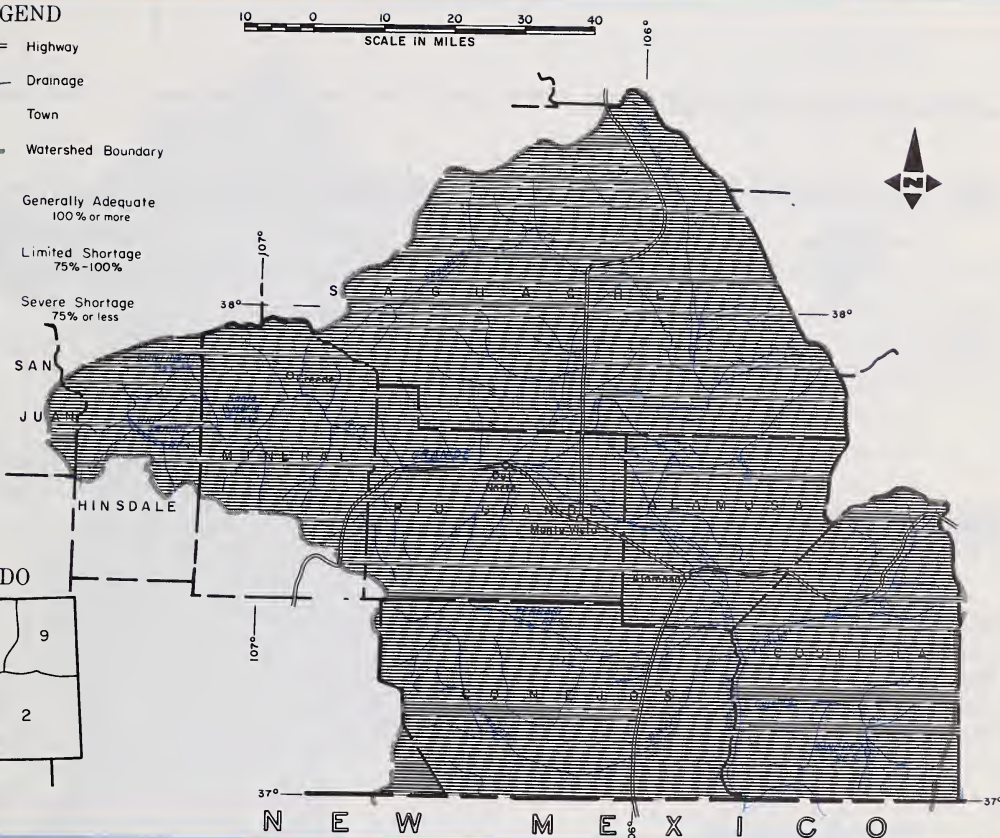
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LEGEND



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SCALE IN MILES



YOUR WATER SUPPLY

GOOD STORMS LATE IN FEBRUARY HAVE IMPROVED THE SNOWPACK OVER LAST MONTH, HOWEVER, MOST OF THE HEADWATERS REMAIN 20 TO 25% BELOW NORMAL. LOW ELEVATION SNOW IS LACKING. FORECASTS OF RUNOFF REFLECT THIS BELOW NORMAL SNOWPACK WITH MOST MAJOR STREAMS EXPECTED TO RUN ONLY 75% OF NORMAL. RESERVOIR STORAGE REMAINS BELOW AVERAGE. THE RIO GRANDE IS PROJECTED TO FLOW AT 75% OF AVERAGE.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	* Average
Alamosa Creek above Terrace Reservoir	45	73	62
Conejos River near Mogote (1)	155	84	184
Culebra Creek at San Luis (2)	16	94	17
Rio Grande at 30 Mile Bridge (3)	90	74	121
Rio Grande near Del Norte (3)	350	75	467
South Fork of Rio Grande at South Fork	94	82	115

(1) Observed flow plus change in storage in Platoro Reservoir. (2) Observed flow plus change in storage in Sanchez Reservoir. (3) Observed flow plus change in storage in Santa Maria, Rio Grande and Continental Reservoirs.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Saguache Creek	Avg.	Fair
Sangre de Cristo Cr.	Avg.	Fair
Trinchera Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Continental	27	5	2	5
Platoro	75	13	13	9
Rio Grande	46	6	3	17
Sanchez	103	5	4	13
Santa Maria	45	4	7	6
Terrace	18	0	4	6

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Alamosa	1	1300	76
Conejos	3	278	97
Culebra	2	150	105
Rio Grande	10	312	80

* 1958-1972 period.

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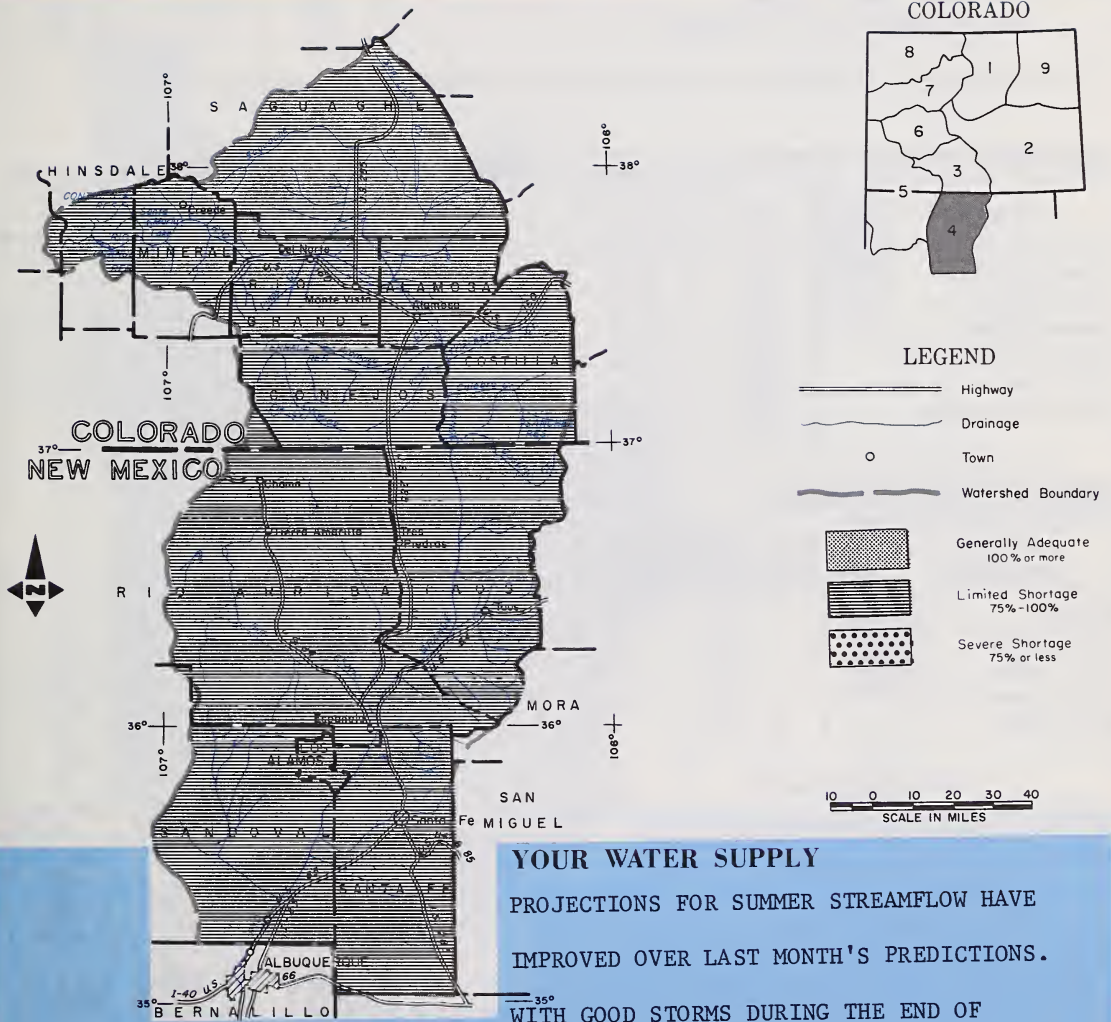


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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE RIO GRANDE WATERSHED IN NEW MEXICO

as of
MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



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U.S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) March—July

FORECAST POINT	FORE-CAST	% of Average	Average *
Costilla Creek at Costilla (1)	20	105	19
Jemez River near Jemez	29	100	29
Pecos River at Pecos	35	85	41
Red River at Mouth near Questa	26	90	29
Rio Chama at El Vado	185	97	190
Rio Grande at Otowi (2)	425	81	526
Rio Grande at San Marcial (2)	300	85	355
Rio Hondo near Valdez	13	93	14
Santa Cruz River at Cundiyo	12	92	12

(1) Observed flow plus change in Costilla Reservoir. (2) Observed flow plus change in storage in El Vado and Abiquiu Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Embudo Creek	Avg.	Fair
Mora River	Avg.	Fair
Nambe Creek	Avg.	Fair
Rio Ojo Caliente	Avg.	Fair
Rio Pueblo de Taos	Avg.	Fair
Santa Fe Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Avalon	5	2	4	--
Caballo	344	20	142	87
Conchas	273	108	84	186
El Vado	195	29	110	3
Elephant Butte	2195	230	343	439
McMillan	34	10	4	--
Sumner	111	48	26	79

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Pecos	1	97	103
Red River	2	145	91
Rio Chama	3	416	142
Rio Grande, NM	8	156	101
Rio Hondo	1	145	--

* 1958-1972 period.

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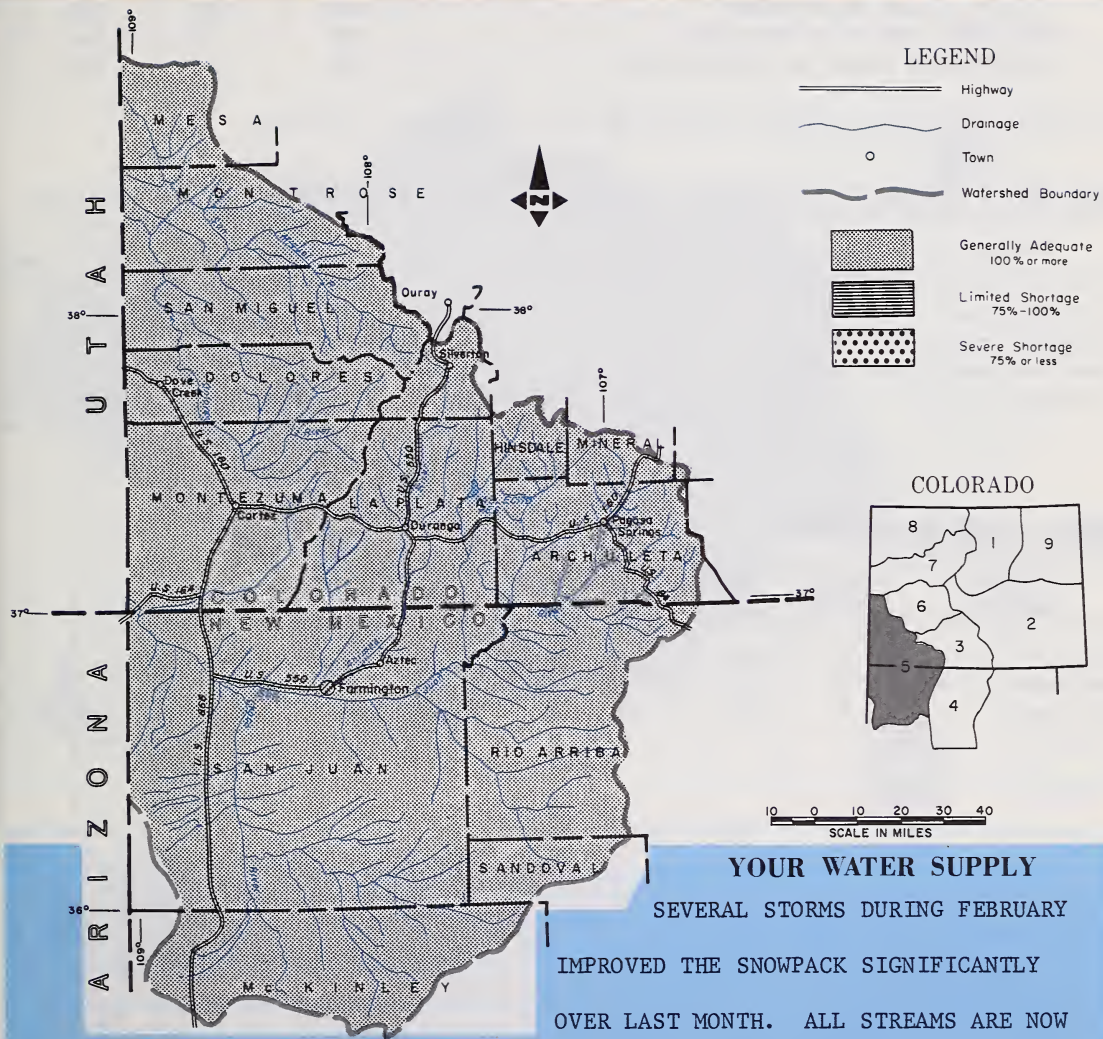
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN WATERSHEDS IN COLORADO AND NEW MEXICO

as of
MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
· CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY
SEVERAL STORMS DURING FEBRUARY
IMPROVED THE SNOWPACK SIGNIFICANTLY
OVER LAST MONTH. ALL STREAMS ARE NOW
FORECAST TO FLOW AT OR ABOVE NORMAL WITH THE EXCEPTION OF THE SAN JUAN WHICH
SHOULD RUN 90% OF AVERAGE. RESERVOIR STORAGE REMAINS DEFICIENT. ONE MONTH
REMAINS OF THE PRIMARY SNOW ACCUMULATION SEASON.

This report prepared by

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DENVER, COLORADO

Issued by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORECAST	% of Average	Average *
Animas River at Durango	475	112	423
Dolores River at Dolores	267	115	232
La Plata River at Hesperus	26	108	24
Los Pinos River at Bayfield (1)	208	105	198
Mancos River near Towac (2)	16	114	14
Inflow to Navajo Reservoir (1 & 3)	600	101	597
Piedra Creek at Arboles	200	108	185
San Juan River at Carracas	320	90	354
San Miguel River at Placerville	150	115	130

(1) Observed flow plus change in storage in Vallecito Reservoir. (2) March-July. (3) April-July.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Florida River	Avg.	Avg.
Hermosa Creek	Avg.	Avg.
West Dolores River	Exc.	Avg.
Williams Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Groundhog	22	7	7	9
Jackson Gulch	10	4	4	4
Lemon	40	5	17	19
Navajo	1696	936	1120	1203
Vallecito	126	22	47	54

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Animas	6	550	136
Dolores	4	472	132
San Juan	5	274	98

* 1958-1972 period.

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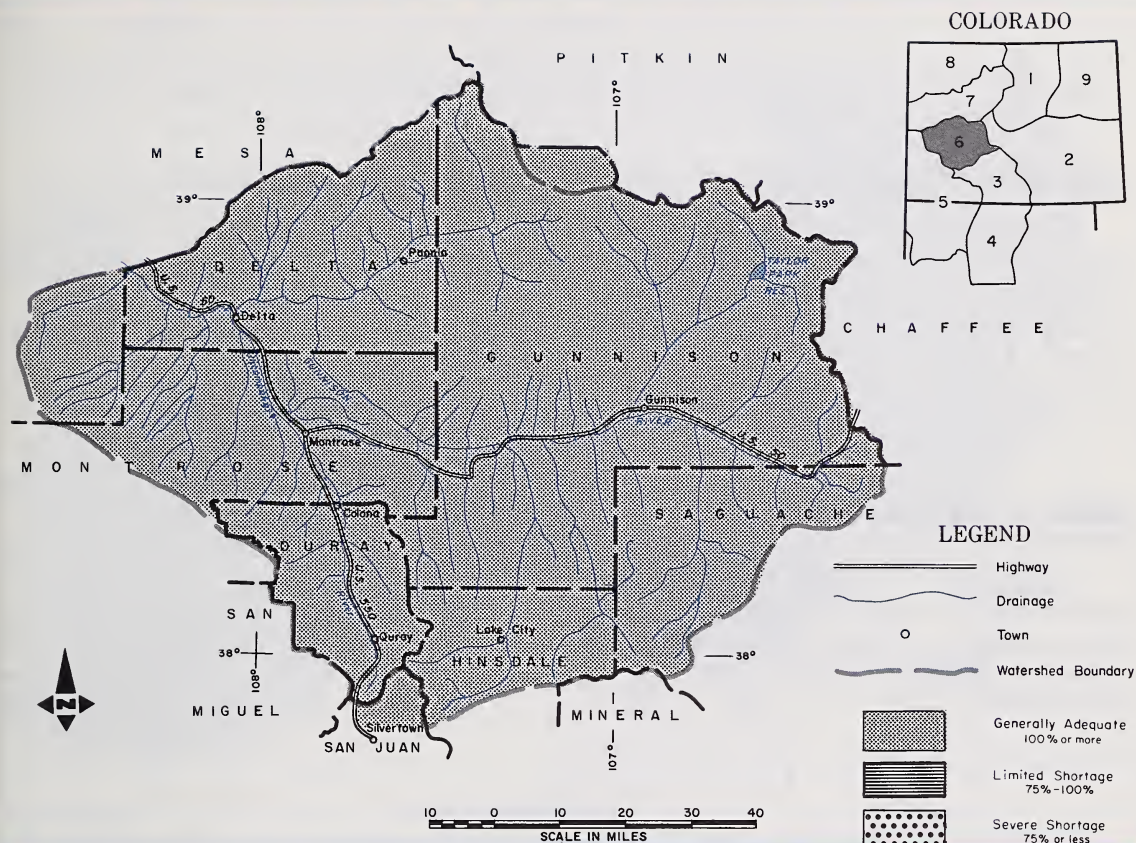
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE GUNNISON RIVER WATERSHED IN COLORADO

as of

MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

THE SNOWPACK ON THE GUNNISON RIVER BASIN IS NEAR NORMAL AND SHOULD PROVIDE NEAR AVERAGE STREAMFLOW THIS SUMMER. THE SNOWPACK ON GRAND MESA IS EXCELLENT. CARRYOVER STORAGE IN BLUE MESA RESERVOIR IS 238,000 ACRE FEET, A LOSS OF 150,000 ACRE FEET FROM LAST YEAR AT THIS TIME. TAYLOR RESERVOIR IS DOWN SLIGHTLY FROM LAST YEAR.

This report prepared by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Gunnison River inflow to Blue Mesa Reservoir (1)	800	101	792
Gunnison River near Grand Junction (2)	1200	101	1184
North Fork of Gunnison (3)	300	114	263
Surface Creek near Cedaredge	19	119	16
Uncompahgre River at Colona	165	123	134

(1) Observed flow plus change in storage in Taylor Reservoir. (2) Observed flow plus change in storage in Blue Mesa, Morrow Point and Taylor Reservoirs. (3) Observed flow plus change in storage in Paonia Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Ohio Creek	Avg.	Fair
Slate River	Avg.	Fair
Taylor River	Avg.	Fair
Tomichi Creek	Avg.	Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average *
Blue Mesa	830	238	394	354
Morrow Point	121	114	115	109
Taylor	106	32	57	65

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Gunnison	12	371	129
Surface Creek	3	444	139
Uncompahgre	3	369	144

* 1958-1972 period.

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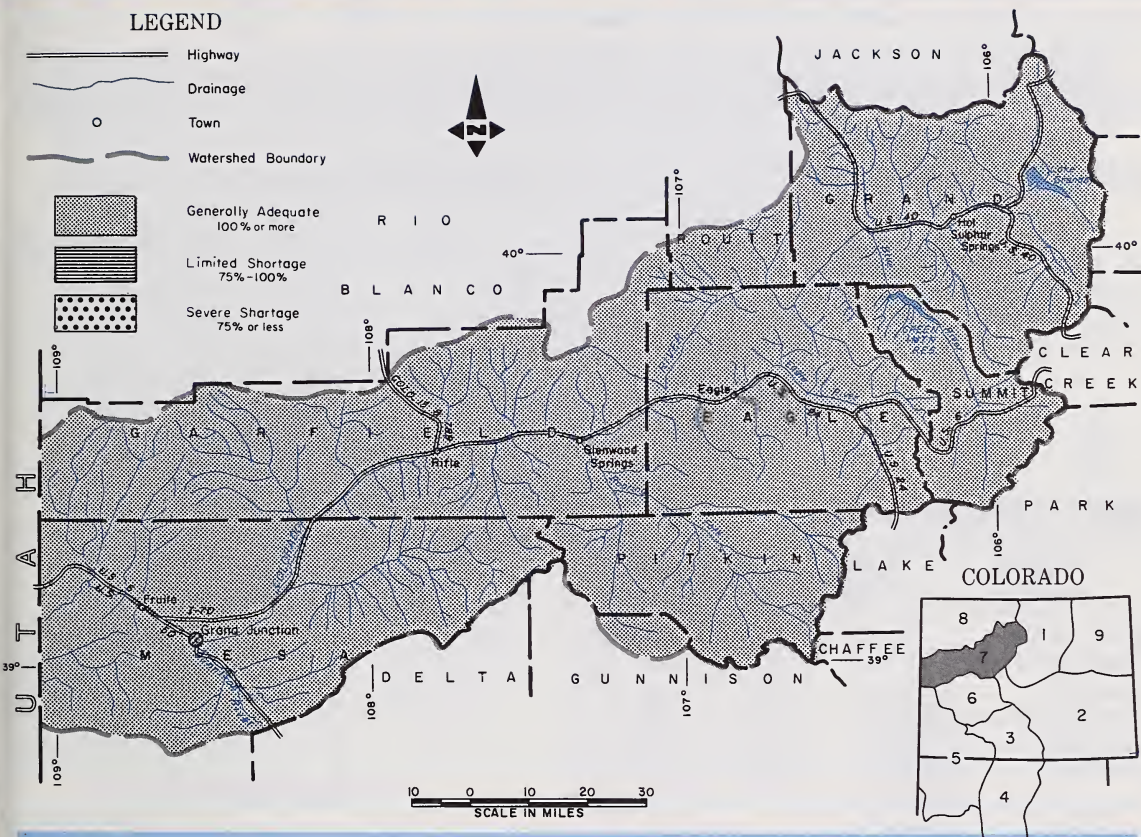
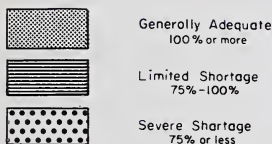
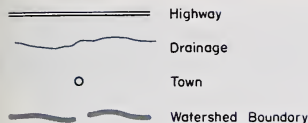
WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE COLORADO RIVER WATERSHED IN COLORADO

as of

MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO

LEGEND



YOUR WATER SUPPLY

THE SNOWPACK THAT FEEDS THE MAINSTEM OF THE COLORADO AND ITS TRIBUTARIES IS EXCELLENT. THE SNOW RANGES UP TO 170% OF NORMAL AND SHOULD PROVIDE EXCELLENT RUNOFF THIS SUMMER. CARRYOVER STORAGE IS POOR, BUT SHOULD BE IMPROVED THIS YEAR. SOIL MOISTURE IN THE IRRIGATED VALLEYS IS REPORTED AS FAIR.

This report prepared by

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U.S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Blue River inflow to Dillon Reservoir	200	118	169
Blue River inflow to Green Mountain Reservoir (1)	360	121	297
Colorado River near Cameo (6)	2900	122	2370
Colorado River near Dotsero (3)	1800	126	1434
Colorado River inflow to Granby Reservoir (2)	290	127	228
Roaring Fork at Glenwood Springs (4)	740	104	713
Williams Fork near Parshall (5)	80	127	63
Willow Creek inflow to Willow Creek Reservoir	55	117	47

(1) Observed flow plus diversions through Roberts Tunnel and change in storage in Dillon Reservoir. (2) Observed flow corrected for change in storage in Lake Granby as furnished by U.S.B.R. and diversions by Adams Tunnel and Grand River Ditch. (3) Observed flow plus the changes as indicated in (1), (2) and (5) plus Moffat Ditch and change in Homestake, Williams Fork, Green Mt. and Willow Creek Reservoirs. (4) Observed flow plus diversions through Divide and Twin Lakes Tunnels plus change in storage in Ruedi Reservoir. (5) Observed flow plus diversions through August P. Gumlick Tunnel. (6) Observed flow plus the changes as indicated in (3) and (4).

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Brush	Exc.	Avg.
Eagle River	Exc.	Avg.
Gypsum Creek	Exc.	Avg.

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Dillon	254	117	210	233
Granby	466	50	191	235
Green Mountain	139	44	71	67
Homestake	43	0	23	17
Ruedi	101	76	68	65
Vega	32	1	6	11
Williams Fork	97	26	48	29
Willow Creek	9	7	6	7

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Blue River	8	296	133
Colorado	19	337	141
Plateau	3	462	134
Roaring Fork	6	297	109
Williams Fork	3	273	133
Willow	2	357	122

* 1958-1972 period.

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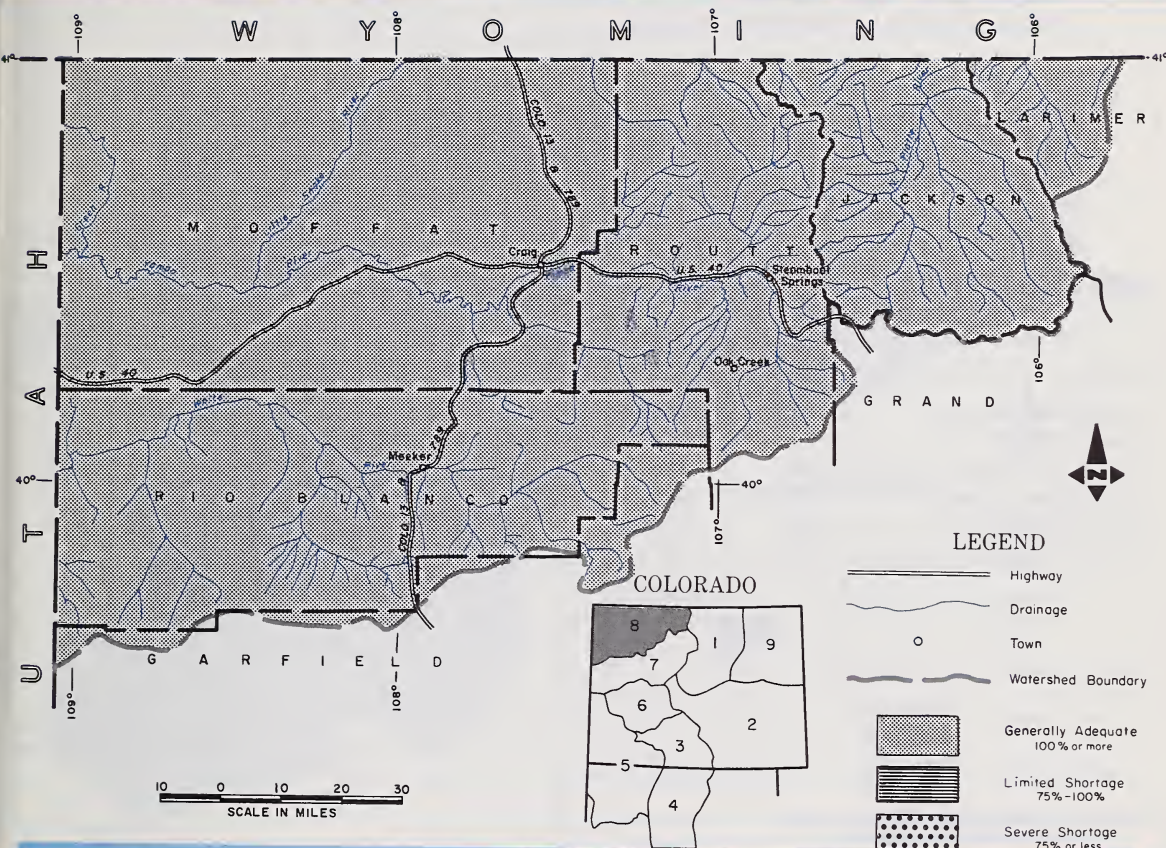
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE YAMPA, WHITE, AND NORTH PLATTE RIVER WATERSHEDS IN COLORADO

as of
MARCH 1, 1978

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

THE NORTHERN PORTION OF THE STATE HAS THE HIGHEST SNOWPACK IN THE STATE. A SNOW COURSE ABOVE STREAMBOAT SPRINGS IS APPROACHING THE MAXIMUM OF RECORD. SUMMER STREAMFLOW SHOULD BE EXCELLENT FOR ALL STREAMS ORIGINATING IN THIS AREA. EVEN THE SMALL STREAMS SHOULD PROVIDE GOOD WATER SUPPLIES THIS SUMMER.

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U. S. DEPARTMENT OF AGRICULTURE—SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average *
Elk River at Clark	260	131	198
Laramie River near Woods	152	120	127
Little Snake River at Lily	410	127	324
North Platte River at Northgate	310	129	240
White River near Meeker	370	125	295
Yampa River near Maybell	1200	133	905
Yampa River at Steamboat Springs	360	131	274

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Canadian River	Exc.	Exc.
Hunt Creek	Exc.	Exc.
Illinois River	Exc.	Exc.
Michigan River	Exc.	Exc.
Oak Creek	Exc.	Exc.
Trout Creek	Exc.	Exc.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average *
Elk	1	285	133
Laramie	2	321	115
North Platte	5	249	129
White	2	409	135
Yampa	6	271	142

* 1958-1972 period.

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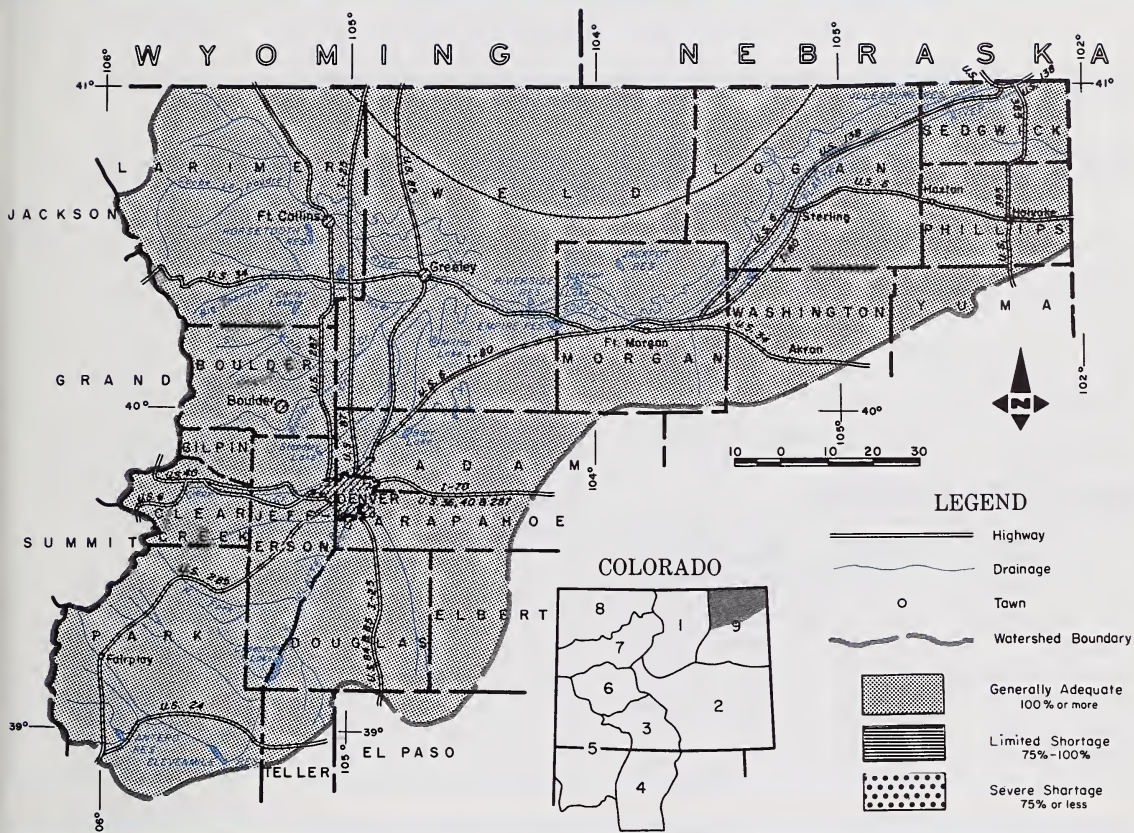


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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE LOWER SOUTH PLATTE RIVER WATERSHED IN COLORADO

as of
MARCH 1, 1978

U.S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

MARCH FIRST SNOW SURVEYS INDICATE A SNOWPACK AT THE HIGHER ELEVATIONS IN EXCESS OF 125% OF NORMAL. THIS SHOULD PROVIDE GOOD SUMMER FLOWS. CARRY-OVER STORAGE IS 75% OF NORMAL REFLECTING SOME OF LAST SUMMER'S DRAWDOWN. SOILS ON THE PLAINS ARE REPORTED AS DRY. ADDITIONAL MOISTURE ON THE PLAINS WOULD BE WELCOME.

This report prepared by

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STREAMFLOW FORECASTS (1000 Ac. Ft.) April—September

FORECAST POINT	FORE-CAST	% of Average	Average*
Big Thompson River at Drake (1)	130	121	107
Boulder Creek at Orodell	60	122	49
Cache La Poudre River at Canyon Mouth (2)	310	126	247
Clear Creek at Golden (3)	160	127	127
Saint Vrain Creek at Lyons (4)	95	127	75

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through Berthoud Pass Ditch. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
South Platte from Greeley to Fort Morgan	Avg.	Fair
South Platte from Fort Morgan to Sterling	Avg.	Fair
South Platte below Sterling	Avg.	Fair

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average*
Big Thompson	5	600	144
Boulder	3	320	124
Cache La Poudre	8	397	130
Clear Creek	5	226	128
Saint Vrain	3	475	136
South Platte	3	270	102

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average*
Carter	109	72	79	87
Cheesman	79	27	30	57
Eleven Mile	98	83	90	87
Empire	38	23	31	30
Horsetooth	144	38	79	97
Jackson	35	29	32	32
Julesburg	28	20	21	20
Point of Rocks	70	58	62	59
Prewitt	33	14	27	18
Riverside	58	34	42	53

* 1958-1972 period.

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APPENDIX I

SNOW COURSE MEASUREMENTS as of MARCH 1, 1978

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	
				LAST YEAR	AVG. 58-72
NORTH PLATTE BASIN					
<u>Laramie River</u>					
Deadman Hill	2/27	48	15.4	3.9	14.1
McIntyre	NS	---	---	---	---
Roach	2/27	58	18.0	6.5	14.9
<u>North Platte River</u>					
Cameron Pass	3/01	82	29.1	10.9	22.5
Columbine Lodge	2/27	80	30.9	10.9	20.4
Northgate	3/01	28	6.1	2.1	5.5
Park View	2/28	36	8.0	2.5	7.8
Willow Cr. Pass (B)	2/28	48	12.0	3.8	10.4
SOUTH PLATTE BASIN					
<u>Boulder Creek</u>					
Baltimore	2/27	25	6.6	3.6	6.2
Boulder Falls	2/27	48	13.1	3.8	10.3
University Camp	2/26	67	19.6	4.9	15.1
<u>Big Thompson River</u>					
Deer Ridge	3/28	28	7.8	0.3	4.0
Hidden Valley	3/01	49	12.9	2.1	8.1
Lake Irene (B)	2/25	75	25.9	5.8	19.0
Long's Peak	2/24	36	11.6	1.8	8.5
Two Mile	3/01	56	15.8	2.4	11.9
<u>Cache La Poudre</u>					
Bennett Creek	2/28	31	6.9	1.1	---
Big South	2/28	14	2.9	0.7	2.3
Cameron Pass	3/01	82	29.1	10.9	22.5
Chambers Lake	2/28	44	13.5	1.0	8.1
Deadman Hill	2/27	48	15.4	3.9	14.1
Hourglass Lake	2/28	31	7.9	1.4	5.3
Joe Wright	3/01	82	27.1	11.6	---
Lost Lake	2/28	47	14.0	3.0	10.2
Red Feather	2/27	26	7.1	0.9	5.4
<u>Clear Creek</u>					
Baltimore (B)	2/27	25	6.6	3.6	6.2
Berthoud Falls	2/27	49	13.6	6.0	11.6
Empire	2/27	27	6.1	3.4	6.0
Grizzly Peak (B)	2/27	66	21.0	8.7	14.6
Loveland Lift	Discontinued			11.7	16.9
Loveland Pass	2/27	56	18.4	7.4	12.7
<u>St. Vrain River</u>					
Copeland Lake	2/28	26	6.5	0.9	3.8
Ward	2/24	22	5.2	2.0	4.8
Wild Basin	2/28	50	13.5	2.4	9.9
<u>South Platte River</u>					
Como	2/23	22	4.0	1.6	---
Geneva Park	2/25	11	2.5	0.5	3.3
Horseshoe Mt.	2/24	34	9.9	3.2	---
Hoosier Pass	2/24	39	12.7	4.7	10.6
Jefferson Creek	2/23	35	6.7	2.9	7.6
Mosquito	2/24	37	11.0	3.8	---
Trout Creek Pass	2/27	10	2.0	1.1	---
ARKANSAS BASIN					
<u>Arkansas River</u>					
Bigelow Divide	2/28	15	3.1	6.2	5.1
Cooper Hill (B)	2/27	49	11.6	4.7	9.0
East Fork	2/27	41	10.8	3.5	8.0
Four Mile Park	2/27	22	5.1	1.8	5.1
Fremont Pass	2/27	62	18.8	6.2	12.9
Garfield	2/28	38	11.4	4.2	11.3
Hermit Lake	2/27	20	5.6	3.2	---
Monarch Pass	2/28	52	16.6	6.5	14.0
Tennessee Pass	2/27	45	12.2	4.0	8.7
Twin Lakes Tunnel	2/27	45	12.9	2.5	8.9
Westcliffe	2/29	16	4.0	3.8	6.0

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	
				LAST YEAR	58-72
<u>Cucharas River</u>					
Apishapa	2/27	17	4.4	4.5	---
Cucharas Creek	2/27	19	5.1	5.4	---
La Veta Pass (B)	2/27	21	5.1	6.3	7.2
<u>Purgatoire River</u>					
Bourbon	2/27	22	4.7	4.7	5.9
RIO GRANDE BASIN-COLO					
<u>Alamosa River</u>					
Silver Lakes	2/28	17	3.9	0.3	5.1
<u>Conejos River</u>					
Cumbres	2/22	58	17.1	5.7	16.5
La Manga	2/22	45	12.0	4.0	---
Platoro	2/27	34	9.5	4.2	13.9
River Springs	2/28	14	3.5	---	5.0
<u>Culebra River</u>					
Brown Cabin	2/28	23	6.0	2.6	---
Cottonwood (B)	2/28	22	4.9	2.1	---
Culebra	2/24	41	10.2	3.9	7.4
La Veta Pass (B)	2/27	21	5.1	6.3	7.2
Trinchera (B)	2/27	24	5.0	4.0	---
<u>Rio Grande</u>					
Cochetopa Pass	2/24	19	5.0	1.6	4.8
Grayback	2/24	32	8.9	3.1	---
Hiway	2/27	49	15.5	4.2	19.5
Lake Humphrey	2/25	17	3.4	1.7	6.1
Love Lake	2/27	27	6.0	0.9	---
Pass Creek	2/27	24	6.5	2.3	9.9
Pool Table	2/27	13	2.8	0.9	6.0
Porcupine	2/27	29	6.9	2.5	9.1
Santa Maria	2/27	19	4.3	1.2	4.1
Upper Rio Grande	2/27	27	6.6	2.1	7.6
Wolf Creek Pass	2/27	57	19.3	5.8	22.0
Wolf Cr. Summit (B)	2/27	57	18.2	5.2	22.5
RIO GRANDE BASIN-NM					
<u>Pecos River</u>					
Panchuela	2/24	14	3.4	3.5	3.3
<u>Rio Chama</u>					
Bateman	2/24	42	11.7	3.5	9.3
Chama Divide	2/23	24	6.9	0.6	3.0
Chamita	2/23	32	9.3	2.6	7.3
<u>Rio Grande</u>					
Alamitos	2/28	17	4.2	4.5	---
Big Tesuque	2/28	19	5.3	3.2	4.9
Cordova	2/27	28	7.5	5.5	9.6
Elk Cabin	2/27	13	2.9	1.0	3.1
Gallegos Peak	2/28	30	6.4	---	---
Hopewell	2/24	45	13.2	4.7	---
La Cueva	2/27	23	4.5	4.4	---
Palo	2/23	24	6.0	3.2	---
Payrole	NS	---	---	3.8	7.8
Quemazon	2/27	25	6.4	4.9	7.8
Rio En Medio	2/28	30	8.4	5.9	8.0
Sandoval	2/27	15	3.9	3.6	4.5
Senorita Divide	3/01	30	8.9	4.6	---
Taos Canyon	2/23	16	4.3	2.9	3.8
Tres Ritos	2/28	13	3.5	3.0	4.6
North Costilla	2/27	20	4.6	3.2	---
<u>Rio Hondo</u>					
Taos Powderhorn	2/24	58	17.4	12.0	---
<u>Red River</u>					
Hematite Park (B)	2/22	13	3.0	2.3	3.5
Red River #2	2/22	23	5.4	3.5	5.7

NOTE: NS - No Survey
(B) - On Adjacent Drainage

APPENDIX I

SNOW COURSE MEASUREMENTS as of MARCH 1, 1978

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	
				LAST YEAR	AVG. 58-72
SAN JUAN-DOLORES BASIN					
<u>Animas River</u>					
Cascade	2/27	39	12.1	2.6	10.0
Lemon	2/28	28	7.7	2.2	---
Mineral Creek	2/27	51	15.4	3.1	12.9
Molas Lake	2/27	46	13.4	2.8	11.2
Purgatory	2/27	60	18.4	4.1	---
Red Mt. Pass (B)	2/27	88	29.6	7.3	25.4
Silverton Sub-Sta.	2/27	33	8.9	1.0	6.7
Spud Mountain	2/27	63	21.6	4.4	19.7
<u>Dolores River</u>					
Lizard Head	2/27	58	17.4	3.2	13.9
Lone Cone	2/28	53	16.0	4.2	---
Ophir Loop	2/27	54	16.0	5.2	---
Rico	2/27	31	8.2	0.8	7.2
Telluride	2/27	36	10.2	2.9	6.7
Trout Lake	2/27	53	16.9	4.2	11.8
<u>San Juan River</u>					
Chama Divide (B)	2/23	24	6.9	0.6	3.0
Chamita (B)	2/23	32	9.3	2.6	7.3
Upper San Juan	2/27	72	24.4	7.2	24.5
Wolf Cr. Pass (B)	2/27	58	19.3	5.8	22.0
Wolf Cr. Summit	2/27	57	18.2	5.2	22.5
GUNNISON BASIN					
<u>Gunnison River</u>					
Alexander Lake	2/27	78	24.5	6.1	17.4
Blue Mesa	2/27	34	10.0	3.3	6.9
Butte	2/27	57	15.9	4.5	---
Cochetopa Pass (B)	2/24	19	5.0	1.6	4.8
Crested Butte	2/27	56	15.8	4.8	10.3
Keystone	2/27	76	23.7	5.8	16.7
Lake City	2/23	28	7.1	1.3	7.0
Mesa Lakes (B)	2/23	61	19.2	4.0	13.5
McClure Pass	2/24	44	13.4	4.0	14.7
Park Cone	2/28	40	9.2	1.9	8.8
Park Reservoir	2/27	87	26.5	5.7	19.5
Porphyry Creek	2/28	56	17.5	5.8	13.7
Tomichi	2/28	47	13.8	5.8	10.5
<u>Surface Creek</u>					
Alexander Lake	2/27	78	24.5	6.1	17.4
Mesa Lakes	2/23	61	19.2	4.0	13.5
Park Reservoir	2/27	87	26.5	5.7	19.5
<u>Uncompahgre River</u>					
Ironton Park	2/27	47	16.2	6.7	11.3
Red Mountain Pass	2/27	88	29.6	7.3	25.4
Telluride (B)	2/27	52	16.6	2.9	6.7
COLORADO BASIN					
<u>Blue River</u>					
Blue River	2/23	33	7.5	3.5	7.4
Fremont Pass	2/27	62	18.8	6.2	12.9
Officers Gulch	2/27	31	8.2	0.0	6.4
Grizzly Peak	2/27	66	21.0	8.7	14.6
Hoosier Pass (B)	2/24	39	12.7	4.7	10.6
Shrine Pass	2/23	59	19.8	6.9	14.5
Snake River	2/27	42	10.7	3.1	7.0
Summit Ranch	2/27	35	8.5	3.1	7.0

SNOW COURSE	CURRENT INFORMATION			PAST RECORD	
	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT (INCHES)	
				LAST YEAR	AVG. 58-72
<u>Colorado River</u>					
Arrow	2/28	49	12.7	4.2	10.5
Berthoud Pass	2/24	52	16.9	6.0	12.8
Berthoud Summit	2/27	65	20.8	9.2	15.4
Cooper Hill	2/27	49	11.6	4.2	9.0
Fiddler Gulch	Discontinued			---	14.0
Glenmar Ranch	2/28	38	9.2	3.4	7.0
Gore Pass	2/27	45	13.0	3.2	8.6
Grand Lake	2/25	41	11.7	2.9	7.0
Lake Irene	2/25	75	25.9	5.8	19.0
Lapland	2/28	39	10.6	2.7	9.0
Lulu	2/25	71	26.1	7.6	14.9
Lynx Pass	2/27	51	14.8	4.1	10.5
McKenzie Gulch	2/23	24	5.1	2.2	5.5
Middle Fork	2/28	41	10.4	3.8	8.1
Milner	2/25	52	17.0	3.8	---
North Inlet	2/27	47	12.5	2.9	7.6
Pando	2/23	39	10.3	2.2	8.2
Phantom Valley	2/25	46	15.2	3.4	9.3
Ranch Creek	2/28	40	10.4	2.8	7.8
Tennessee Pass (B)	2/27	45	12.2	4.0	8.7
Vail	2/22	74	23.8	---	---
Vasquez	2/28	47	12.9	4.6	10.2
<u>Roaring Fork</u>					
Aspen	2/25	52	16.1	5.8	14.0
Independence Pass	2/25	49	15.7	7.6	13.9
Ivanhoe	NS	---	---	6.7	13.9
Kiln	2/27	50	12.6	4.0	---
Lift	2/25	50	15.9	5.0	13.6
McClure Pass	2/24	44	13.4	4.0	14.7
Nast	2/27	34	8.0	2.4	5.5
North Lost Trail	2/24	42	12.8	2.8	13.3
<u>Williams Fork River</u>					
Glenmar Ranch	2/28	38	9.2	3.4	7.0
Jones Pass	2/24	52	16.4	6.0	11.9
Middle Fork	2/28	41	10.4	3.8	8.1
<u>Willow Creek</u>					
Granby	2/28	37	8.7	2.0	6.5
Willow Cr. Pass	2/28	48	12.0	3.8	10.4
<u>Plateau Creek</u>					
Mesa Lakes	2/23	61	19.2	4.0	13.5
Park Reservoir	2/27	87	26.5	5.7	19.5
Trickle Divide	2/27	86	26.9	6.0	21.0
YAMPA BASIN					
<u>Elk River</u>					
Elk River	2/28	67	21.1	7.4	15.9
Hahn's Peak	2/28	59	17.7	6.0	---
<u>White River</u>					
Burro Mountain	2/28	64	19.5	5.0	15.0
Rio Blanco	2/27	64	18.5	4.3	13.1
<u>Yampa River</u>					
Bear River	2/28	47	12.3	3.2	---
Columbine (B)	2/27	80	30.9	10.9	20.4
Crosho	No Survey			---	---
Dry Lake	2/27	75	25.2	7.6	17.8
Lynx Pass (B)	2/27	51	14.8	4.1	10.5
Rabbit Ears	2/27	89	30.3	9.5	21.8
Tower	2/27	163	61.8	16.6	---
Yampa View	2/27	52	16.9	6.3	13.0

NOTE: NS - No Survey
(B) - On Adjacent Drainage

LIST of COOPERATORS

The following organizations cooperate in snow surveys for the Colorado, Platte, Arkansas and Rio Grande watersheds. Many other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

STATE

- Colorado State Engineer
- New Mexico State Engineer
- Nebraska State Engineer
- Colorado State University Experiment Station
- Rocky Mountain Forest and Range Experiment Station
- New Mexico Dept. of Game and Fish

FEDERAL

- Department of Agriculture
 - Forest Service
 - Soil Conservation Service
- Department of Interior
 - Bureau of Reclamation
 - Geological Survey
 - National Park Service
 - Indian Service
- Department of Commerce
 - NOAA, National Weather Service
- Defense Department
 - Army Engineer Corps
- Atomic Energy Commission

INVESTOR OWNED UTILITIES

- Colorado Public Service Company
- Public Service Company of New Mexico

MUNICIPALITIES

City of Denver	City of Greeley
City of Boulder	City of Fort Collins

WATER USERS ORGANIZATIONS

- Arkansas Valley Ditch Association
- Colorado River Water Conservation District

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- San Luis Valley Irrigation District
- Santa Maria Reservoir Company
- Costilla Land Company
- Uncompahgre Valley Water Users' Association
- Twin Lakes Reservoir and Canal Company
- Trinchera Irrigation Co.

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- Taylor Lumber and Land Company

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